Operating Instructions For CLIKR™-5 Cable Remote Control

UR5U-8700 & UR5U-8720



Universal Remote Control, Inc.

www.universalremote.com

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1 Introduction

The **CLIKR™-5** UR5U-8700 & UR5U-8720 are designed to operate the Scientific-Atlanta, Pioneer, Pace Micro, Samsung and Motorola digital set tops, plus the majority of TV, VCR, DVD and AUDIO equipment on the market as shown below.

CABLE : Cable Converters **TV** : Televisions
VCR : VCRs and TV/VCRs **DVD** : DVD Players
AUX : Audio Receivers and DVRs, etc.

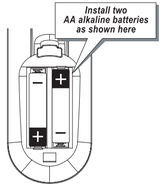
2 Replacing Batteries

Before you program or operate the remote control, you must install two new AA alkaline batteries.

STEP1 Remove the battery compartment cover on the back of your remote control.

STEP2 Check battery polarity carefully, and install the batteries as shown in the illustration below.

STEP3 Replace the battery compartment cover.



3 Operations

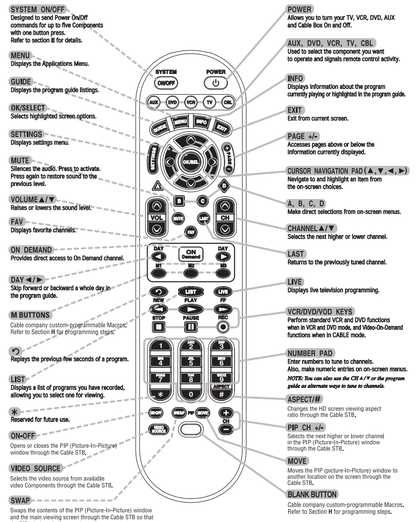
DEFAULT STATE:

Component Default: CABLE Set Top Box (STB)

Channel Default: CABLE channel and numbers through the CABLE STB. You have the option of controlling your CABLE channel and numbers through the TV or VCR. Refer to section **F** for programming steps.

Volume Default: Volume and Mute control are automatically transferred to the respective Component mode you select, as follows: CBL: Cable Set Top Box / TV: TV / AUX: AUX. Volume and Mute control for VCR and DVD are automatically transferred to the TV. However, you have the option of controlling CABLE Volume and Mute through the TV, VCR or AUX. Refer to section **G** for programming steps.

4 Button Functions



5 Programming the Remote Control

There are two ways you can program your **CLIKR™-5** remote:

- **The Pre-Programmed 3-Digit Code Method**
- **The Auto-Search Method**

The Pre-Programmed Code Method allows you to setup all the buttons at once by entering 3-digit code numbers that correspond to a particular Component's manufacturer/brand, so it's the fastest and easiest of the two methods. (Code Tables are on the backside of this Instruction Sheet.) The Auto-Search Method scans through all the codes in the remote control, one at a time.

IMPORTANT SETUP NOTE!

This pertains to all programming steps. When you are in setup mode, a component LED will light for 30 seconds.If you do not press a button within 30 seconds, the LED light will turn off and exit setup mode and you will need to start over.

A. Pre-Programmed 3-Digit Code Method

STEP1 Turn on the Component you want to program (TV, VCR, DVD or AUX).

STEP2 Press the [COMPONENT] button (TV, VCR, DVD or AUX) to be programmed and [OK/SEL] button simultaneously for 3 seconds. The Component LED light will turn on for 30 seconds indicating the unit is ready to be programmed.

STEP3 Point the remote control toward the Component and enter the 3-digit code number assigned to your brand.

***Note :** If the 3-digit code number you just entered is correct, the Component will turn Off. If it did not turn Off, continue entering code numbers listed for that brand until the Component turns Off.*

STEP4 After you've entered the correct code number and the Component has turned Off, press the [POWER] button to turn the Component back On. Now it is time to test the VOLUME and MUTE buttons for the TV (or PLAY and STOP buttons for VCR and DVD) to make sure they all work. If any of the functions do not work as they should, repeat from STEP 3 using the next 3-digit code number listed for that brand until you find the best Component code.

STEP5 Once you have found the correct 3-digit code, save it by pressing the same [COMPONENT] button one more time. The Component LED light will blink twice to confirm that the code was successfully stored.

Now, program the rest of your Components by repeating STEPS 1-5.

***Note :** If the Pre-Programmed Method did not work, or if the Code Tables do not list your Component brand, use the Auto-Search Method as explained in Section B.*

B. Auto-Search Method

STEP1 Turn on the Component you want to program (TV, VCR, DVD or AUX).

STEP2 Press the [COMPONENT] button (TV, VCR, DVD or AUX) to be programmed and [OK/SEL] button simultaneously for 3 seconds. The Component LED light will turn on for 30 seconds indicating the unit is ready to be programmed.

STEP3 Point the remote toward the Component and press the [CH ▲] or [CH ▼] button one step at a time or keep it pressed. The remote will emit a series of ON/OFF commands. Release the [CH ▲] or [CH ▼] button as soon as the Component turns Off.

STEP4 Test functions. (Same as for 3-Digit Code Programming Method - Section A). If any of the functions do not work as they should, repeat from STEP 3 using [CH ▲] or [CH ▼] buttons to find the correct code.

STEP5 Save the code. (Same as for 3-Digit Code Programming Method - Section A).

Now, repeat the Auto-Search Method for those Components you could not program earlier with the Pre-Programmed Method.

C. Finding a Component Button's Setup Code Number

If you used the Auto-Search Method to program a Component, you may not know what the correct code number is. Here is a way for you to identify the code number, so you can record it for future reference.

STEP1 Press the [COMPONENT] button (TV, VCR, DVD or AUX) you want to verify and the [OK/SEL] button simultaneously for 3 seconds. The Component LED light will turn on for 30 seconds.

STEP2 Press the [INFO] button and count the number of times the Component LED light blinks. This number indicates the first digit of the code, followed by the second and third, each separated by a one second pause when the LED will turn off.

***Note :** 10 blinks represents the number zero.*

***Example :** One blink, (pause), eight blinks, (pause) and three blinks, indicates code number 183.*

D. AUX Function: Programming a 5th Component

You can take advantage of the AUX function to program a 5th Component such as a second TV, VCR, DVD or Audio Component.

STEP1 Turn on the 5th Component you want to program (TV, VCR, DVD or Audio).

STEP2 Press the [AUX] button and the [OK/SEL] button simultaneously for 3 seconds.The [AUX] Component LED will turn on for 30 seconds.

STEP3 Press the [COMPONENT] button you want to setup. Point the remote control toward the Component and enter the 3-digit code number assigned to your brand.

***Note :** If the 3-digit code number you just entered is the correct number, the Component will turn Off. If it did not turn Off, continue entering code numbers listed for that brand until the Component turns Off.*

STEP4 Test functions. (Same as for 3-Digit Code Programming Method - Section A). If any of the functions do not work as they should, you need to find a new code.

STEP5 Once you have found the correct 3-digit code, save it by pressing the [AUX] button one more time. The Component LED light will blink twice to confirm the code was stored. Now when you press the AUX button, all the buttons will work with that 5th Component.

E. Programming the System On/Off Button

This allows you to program the System On/Off button so it can send up to five power On/Off commands with one button press.

STEP1 Press the [CBL] button.

STEP2 Press the [SYSTEM ON/OFF] button and the [OK/SEL] button simultaneously for 3 seconds. The [CBL] button will turn on for 30 seconds.

STEP3 Press the first [COMPONENT] button you want to store in the [SYSTEM ON/OFF] button and then the [POWER] button. Repeat this for other Components until you have stored all the desired power commands into the [SYSTEM ON/OFF] button.

STEP4 Press the [CH ▲] button to save the power commands you stored. The [CBL] button will blink twice to confirm the commands have been saved.

F. Programming Channel Control

You can program the channel controls (Channel Up, Channel Down, Last and Numbers) from one Component to operate in another Component mode. Default channel control settings on the remote control are as follows:

CBL : CBL **TV** : CBL **VCR**: CBL
DVD: DVD **AUX**: AUX

If you wish to store the TV channel control in TV mode, use the following steps.

STEP1 Press the [TV] button and the [OK/SEL] button simultaneously for 3 seconds. The [TV] Component LED will turn on for 30 seconds.

STEP2 Press the [VOL ▼] button.

STEP3 Press the [TV] button again. The Component LED will blink twice to confirm the programming.

To return to original state:

If you wish to restore the CABLE channel control in TV mode, repeat the above steps but press [CBL] in **STEP3**.

G. Programming Volume Control

Volume and Mute control are factory-programmed to automatically transfer to the respective Component mode you select, as follows:

CBL : CBL **TV** : TV **VCR**: TV
DVD: TV **AUX**: AUX

However, you can program the volume controls (Volume Up, Volume Down and Mute) from one Component to operate in another Component.

If you wish to store the TV volume control in CBL mode, use the following steps.

STEP1 Press the [CBL] button and the [OK/SEL] button simultaneously for 3 seconds. The [CBL] Component LED will turn on for 30 seconds.

STEP2 Press the [VOL ▲] button.

STEP3 Press the [TV] button. The Component LED will blink twice to confirm the programming.

To return to original state:

If you wish to restore the CBL volume control in CBL mode, repeat the above steps but press [CBL] in **STEP3**.

H. Programming a 'Macro' button.

If your remote model has custom-programmable Macro buttons available, they can be programmed to act as a 'Macro' or Favorite Channel button in CABLE mode. This allows you to program up to five 2-digit channels, four 3-digit channels or three 4-digit channels that can be accessed with one button press.

STEP1 Press the [CBL] button to select the CBL mode.

STEP2 Press the [MACRO] button and [OK/SEL] button simultaneously for 3 seconds. The [CBL] button will turn on for 30 seconds.

STEP3 Enter the the 2, 3 or 4-digit code for the channel you want programmed first (for example, 007) using the Number Pad, then press the [STOP] button. Then enter the code for the next channel (for example, 050), then press the [STOP] button. Repeat this process for the third channel. The [CBL] button will blink once for each channel entered.

STEP4 Press the [CH ▲] button to store the channels that were selected. The [CBL] button will blink twice to confirm the storage of commands.

To access the programmed channels, press the [MACRO] button once. This will bring up the first channel. Press once again and it will bring up the second channel. Press again and it will bring up the third channel.

I. Low Battery Warning

When the batteries are low and need to be replaced with fresh batteries, the Component LED lights will blink 2 times in sequence whenever a [POWER] button is pressed to turn on equipment.

J. Memory Lock System

This remote control is designed to retain programmed memory for 10 years even after batteries are removed from the remote control.

K. Record Your Component Set-up Codes

TV Set-up Code Number: ☐☐☐
VCR Set-up Code Number: ☐☐☐
DVD Set-up Code Number: ☐☐☐
AUX Set-up Code Number: ☐☐☐

6 Set-up Code Tables

CBL-IPTV

Manufacturer/Brand	Set-Up Code Number
ADB	254 255 315
AMINO	249
AT&T	251
CISCO	313 251
COMCAST	313
DIGEO	153
MYRIO	254 255
MOTOROLA	253
MOXI	153
NOW TV	314
PACE	313
SCIENTIFIC ATLANTA	251
WEGENER	250

CBL-CABLE Converters

Manufacturer/Brand	Set-Up Code Number
SCIENTIFIC ATLANTA	001 003 041 042 045 046
PIONEER	001 103 034 051 063 076 105
PACE	001 005 002
SAMSUNG	001 030
MOTOROLA	002 111 148
GENERAL INSTRUMENT	005 103 104
HAMLIN	049 050 055
HITACHI	103 055
JERROLD	005 004 103 005 003 008 009 010 069
MAGNAVOX	010 012
HEWDREX	052
MOXI	111 252
PANASONIC	044 047
PHILIPS	006 012 013 020 085
PULSAR	052
RCA	047
REGAL	049 050
REGENCY	057
SKY	230
SONY	108
SPRUCER	047
TOCOM	039 040 056
TOSHIBA	052
VIEWSTAR	012 015
ZENITH	052 060 093 100

TV

Manufacturer/Brand	Set-Up Code Number
A MARK	112 143
ABEX	025
ACCURIAN	036
ADMIRAL	072 251 333
ADVENT	247 388
ADVENTURA	002
AIKO	103
AKAI	116 146 248 404 405 473 475 323 387 391
ALBATRON	017
ALFRON	028
AMERICA ACTION	043
AMPRO	073
AMSTRAD	052
ANAM	043 054 056 080 112
AOC	116 363 112 058
APEX DIGITAL	006
AQUAVISION	573 574
ASTAR	477
AUDIOVOX	076 454 388
AVENTURA	052
AVION	441
AXION	039

TV

Manufacturer/Brand	Set-Up Code Number
BELCOR	116
BELL&HOWELL	333 072
BENQ	423
BOXLIGHT	266
BRADFORD	043
BROCKWOOD	116
BROKSONIC	238
BYDESIGN	031 032
CANDLE	116 002 003 363
CAPEHART	058
CARY AUDIO DESIGN	266
CELEBRITY	001
CENTURION	116
CETRONIC	043
CHANGHONG	247
CITIZEN	116 002 003 363 043 258 103 143
CLARION	043
CLASSIC	043
CLIP CLASSIC	333
COLORTYME	116
CONCERTO	363
CONCIERGE	073
CONTEC	043 050 051
CORREA	116
CORONADO	143
CRAIG	043 054
CROSLEY	164
CROWN	043 143
CURTIS MATHES	116 258 363 143
CXC	043
CYBERHOME	015
DAEWOO	363 016 043 044 076 103 114 125 127 143
DAYTRON	363 143
DELL	320 164 363
DIGITAL PROJECTION	570
DIMENSIA	333
DREAMVISION	235
DUKANE	011 025
DUMONT	116 073
DURABRAND	096 052
DWIN	257
DYNASTY	043
DYNEX	400
EIKI	187
ELECTROBAND	001
ELECTROGAPH	466
ELECTROHOME	143 024 076 196
ELEKTRA	072
ELEMENT	363 494 526
EMERSON	028 048 043 155 005 116 363 047 050 051
	076 096 143 153 154 052 514
ENVISION	116
EPSON	324
ESA	323
FISHER	007 057
FUJITSU	246 198 410
FUNAI	028 043 052
FUTURETECH	043
GATEWAY	242 268
GE	073 116 008 009 034 056 074 155 333 363
GEM	391
GIBRALTER	116 073
GO VIDEO	026
GOLDSTAR	113 116 102 363 106 112 127 143
GRUNPY	028 043
HAIER	363 501
HALL MARK	363
HANNSPREE	349 381
HARLEY DAVIDSON	028

TV

Manufacturer/Brand	Set-Up Code Number
HARVARD	043
HAVERMY	081
HELLO KITTY	076
HIMITSU	043
HISENSE	419 442
HITACHI	011 166 009 010 012 023 075 143 158 072 363 250
HIP	378 316 327 421
HUMAX	518
HYUNDAI	337 338
ILO	472
INFINITY	164
INFOCUS	333 230 547 548 470 532 564
INITIAL	035 282
INSIGNIA	350 400 052 164 403 454 457
INTEQ	073
JANEIL	002
JBL	164
JCB	001
JCPENNEY	024 116 008 009 030 065 258 143 333 363
JENSEN	013
JVC	038 034 001 083 199 210 533 581
KAWASHO	116 001
KEC	043
KENWOOD	116 001
KLEEG	466
KLOSS	002 059
KMC	143
KNOLL SYSTEMS	230
KONKA	457
KRESSON	530
KTV	043 116 143 154
KURAZAI	072
LG	363 113 116 102 106 112 127 143 569 284
LITEON	268
LOGICNET	072
LOEWE	164
LOGIK	072
LUXMAN	363
LXI	166 007 138 052 251 333 164
MAGNAVOX	164 059 116 003 040 061 363 127 022 333
	094 226 390 467 431
MAJESTIC	333 072
MARANTZ	116 164 281
MATSUI	164
MATSUSHITA	080
MAXENT	242
MEGATRON	116 011
MEMOREX	007 072 363
MGA	116 363 024 028 042
MIDLAND	333 073
MINTEK	362
MINUTZ	008
MISAKAI	052
MITSUBISHI	124 109 024 028 040 042 146 363 348
MONIVISION	017
MONTGOMERY WARD	333 072
MOTOROLA	081
MTC	116 363 258
MULTITECH	043
NAD	138 025
NEC	272 197 134 116 040 016 024 056 019 262
	236 281 575
NET TV	242
NIKEI	043
NIKKO	116
NIKO	527
NORCENT	290
NORWOOD MICRO	027
NTC	103

TV

Manufacturer/Brand	Set-Up Code Number
NUVISION	351 567
OLEVIA	422 363 333
ONKING	043
ONWA	043
OPTIMUS	025
OPTIMA	265 249
OPTONICA	019 251
ORION	096
PANASONIC	080 034 056 164 208 359 552 524
PHILCO	116 003 059 060 164 363 024 056
PHILIPS	164 005 093 038 116 003 363 059 127 206 431 333 161
PILOT	116
PIONEER	234 135 025 018 023 116 393 272 520 582
POLAROID	388 323 328 353 354 355 356 494 387 391 505 506 508
PORTLAND	363 143
PRINCETON	004
PRISM	034
PROSCAN	333
PROTON	363 112 058 143 171 172 033 528
PROTRON	392 398 498 499 500
PROVIEW	494
PROX	572
PULSAR	116 073
QUASAR	034 056
RADIO SHACK	019 363 143 043 127
RCA	333 065 116 363 024 056 152 023 074
REALISTIC	007 019 043 047
REVOLUTION HD	466
RUNCO	182 073 395 416 072 242
SAMPO	116 058 363 242
SAMSUNG	258 050 089 105 363 127 143 333 228 229
SANSUI	116
SANSEI	076
SANSUI	096 400
SANYO	166 007 020 053 057 082 187 511 266
SCEPTRE	276
SCOTCH	116
SCOTT	028 043 048 143 363 497
SEARS	030 363 007 028 057 143 094 333 082 166 138
SELECO	205 011
SHARP	251 019 014 028 029 363 022 143 175 308
SHING-CHIA	081
SHERWOOD	349
SHOGUN	116
SIGNATURE	072
SIMPSON	003
SONY	001
SOUNDDESIGN	028 363 003 043
SOVA	041
SOYO	528 033
SPECTRICON	112
SPECTRONIQ	499 500
SQUAREVIEW	052
SSS	363 043
STARLITE	043
SUPERSCAN	052 081
SUPRA	116
SUPRE MACY	002
SUPREME	001
SVA	228
SYLVANIA	116 003 052 059 060 164 044 333 127 514
SYMPHONIC	052
SYNTAX OLEVIA	422 363 333
TANDY	251
TATUNG	056
TECHNICS	034 080
TECHNOL ACE	028

TV

Manufacturer/Brand	Set-Up Code Number
TECHVIEW	045 557
TECHWOOD	363
TENKNA	007 003 363 024 028 043 072 258 143
TELEFUNKEN	037 046
TELERENT	072
TERA	172
THOMSON	049 055
TMK	363
TNCI	073
TOSHIBA	138 030 007 040 258 325 230
TOTEVISION	143
TRUTECH	529
TVS	096
UNIVERSAL	008 009
VICTOR	038
VIDEO CONCEPTS	146
VIDIKRON	174 164 188 192 342
VIDTECH	363
VIEWSONIC	242 389
VIKING	002
VIORE	472
VISCO	526
VITO	363
VIZIO	386 387
WARDS	363 008 009 019 028 060 061 072 074 143 164 034
WAYCON	015
WESTINGHOUSE	076 276 435 001
WINBOOK	339
YAMAHA	116 363 370
YORK	363
YUPITERU	043
ZENITH	363 073 072 095 103
ZONDA	112

TV-LCD & Plasma TVs

Manufacturer/Brand	Set-Up Code Number
ACCURIAN	036
ADVENT	247 388
AKAI	404 405 473 475 323 387 391
AOC	116 363
APEX DIGITAL	006
AQUAVISION	573 574
ASTAR	477
AUDIOVOX	454 388 076
AVION	441
AXION	039
CHANGHONG	247
CYBERHOME	015
DAEWOO	076 363
DELL	320 164 363
DURABRAND	052
DWIN	257
DYNEX	400
ELECTROGAPH	466
ELEMENT	363 494 526
EMERSON	514 363 076 052
ESA	323
FUJITSU	246 198
FUNAI	052
GATEWAY	242 268
GO VIDEO	026
HAIER	363 501
HANNSPREE	349 381
HISENSE	419 442
HITACHI	011 363
HP	378 316 327 421
HUMAX	518

TV-LCD & Plasma TVs

Manufacturer/Brand	Set-Up Code Number
HYUNDAI	337 338
ILO	472
INFOCUS	547 470
INITIAL	035 282
INSIGNIA	350 400 052 164 403 454 457
JVC	038 210 581
KLEGG	466
KONKA	457
KREISEN	530
LG	363 569 113 116 284
LOEWE	164
LOEWE	164
MAGNAVOX	164 363 226 390 467 431
MARANTZ	116 164 281
MAXENT	242
MINTEK	362
MITSUBISHI	124 363
NEC	272 262 575
NIKO	527
NORCENT	390
NORWOOD MICRO	027
NUVISION	351 567
OLEVIA	422 363 333
PANASONIC	080 164 208 552 524
PHILIPS	164 363 431 161
PIONEER	234 135 393 272 520 582
POLAROID	388 323 328 353 356 494 387 391 505 506
PRINCETON	004
PROTON	033 528
PROTRON	392 398 498 499 500
PROVIEW	494
PROX	572
RCA	333 363
REVOLUTION HD	466
RUNCO	395 416
SAMPO	363 242
SAMSUNG	258 228 229
SANSUI	096 400
SANYO	166 007
SCEPTRE	276
SHARP	251 363
SHERWOOD	349
SONY	001
SOVA	041
SOYO	528 033
SPECTRONIQ	499 500
SVA	328
SYLVANIA	052 164 333 514
SYMPHONIC	052
SYNTAX OLEVIA	422 363 333
TATUNG	056
TECHVIEW	045 557
TOSHIBA	138 258 325
TRUTECH	529
VIEWSONIC	242 389
VIORE	472
VISCO	526
VITO	363
VIZIO	386 387
WESTINGHOUSE	076 276 435 001
WINBOOK	339
YAMAHA	116 363
ZENITH	363 073 072

TV-Projection TVs

Manufacturer/Brand	Set-Up Code Number
AKAI	404 405 473 475
DAEWOO	076

TV-Projection TVs

Manufacturer/Brand	Set-Up Code Number
EPSON	324
HITACHI	011
HP	378
INFOCUS	333 548
JVC	038
LG	363
LOEWE	164
MAGNAVOX	164 333
MITSUBISHI	109
OPTIMA	265
PANASONIC	080 524
PHILIPS	164 431
RCA	333
SAMSUNG	258
SANYO	166 007 187
SHARP	251
SONY	001
TOSHIBA	138
ZENITH	363 073 072

TV-Projectors

Manufacturer/Brand	Set-Up Code Number
BENQ	422
BOXLIGHT	266
DIGITAL PROJECTION	570
DREAMVISION	235
FUJITSU	410
HITACHI	250
INFOCUS	230 532 564
JVC	199 533
KNOLL SYSTEMS	230
MARANTZ	281
MITSUBISHI	348
NEC	236 281
OPTOMA	249
PANASONIC	359
RUNCO	342 182
SANYO	511 266
SELECO	205
SHARP	308
SIM2	205
TOSHIBA	230
VIDIKRON	342 174 188 192
YAMAHA	370

VCR

Manufacturer/Brand	Set-Up Code Number
ADMIRAL	025 053
ADVENTURA	034
AIKO	117
AIWA	034 161
AKAI	016 146 043 124 125
AMERICA ACTION	117
AMERICAN HIGH	145
AMPRO	072
ANAM	145
ASHA	102
AUDIO DYNAMICS	012 039 043
AUDIOVOX	101
BEAUMARK	102
BROKSONIC	035 037 129
CALIX	101
CAPEHART	108
CCE	024 117
CITIZEN	101 117
COLT	024
CRAIG	003 022 102

VCR

Manufacturer/Brand	Set-Up Code Number
CURTIS MATHES	145
CYBERNEX	102
DAEWOO	111 116 117 005 010 108 110 120
DAYTRON	108
DBX	012 039 043
DYNATECH	034 053
ELECTROHOME	059
ELECTROPHONIC	101
EMERSON	006 029 035 017 025 034 036 037 101 129 131 153 162 116 145
FISHER	203 010 008 009
FUJI	145
FUNAI	034
GARRARD	034
GE	072 144 147 145
GO VIDEO	132 136 155 115 102
GOLDSTAR	101 114 013 012 123
GRADIENTE	034
HARLEY DAVIDSON	034
HARMAN KARDON	012
HARWOOD	024
HITACHI	026 150 034 043 160 013
HQ	034
INSTANTREPLAY	145
JCL	145
JCPENNEY	012 013 015 101 102
JENSEN	043
JVC	048 043 130 150 012 145
KEC	101
KENWOOD	048 034
KLH	024
KODAK	101 145
LG	101 114 013 012 123
LLOYD	034
LOGIK	024
LXI	034 003 009 017
MAGIN	102
MAGNAVOX	067 034 164 145
MARANTZ	067 012 145
MARTA	101
MATSUSHITA	145
MEI	145
MEMOREX	101 003 010 034 053 072 102 139 145
MGA	059
MGN TECHNOLOGY	102
MINOLTA	013
MITSUBISHI	059 061 151 013 051
MOTOROLA	053 145
MTC	034 102
MULTITECH	024 034
NEC	012 039 043 048
NIKKO	101
NOBLEX	102
NORDMENDE	043
OLYMPUS	145
OPTIMUS	101
OPTONICA	053
ORION	025
PANASONIC	070 145 163 167
PENTAX	013 145
PHILCO	034 067 145
PHILIPS	067 034 101 071 145
PILOT	101
PIONEER	021 013 048
PORTLAND	108
PROFITRONIC	102
PROTEC	024
PULSAR	072
QUARTZ	002

VCR

Manufacturer/Brand	Set-Up Code Number
QUASAR	145
RADIO SHACK	123
RADIX	101
RANDEX	101
RCA	144 147 145 013 034 102
REALISTIC	003 008 010 034 053 101 145 102
RICO	058
RUNCO	148
SAMSUNG	102 113 115 120 144 147 125
SANKY	053
SANSUI	022 043 048
SANYO	003 010 102
SCOTT	017 037 120 129 131
SEARS	003 008 010 013 101 009 017 073 112
SHARP	053 165 145
SHINTOM	024
SHOGUN	102
SIGNATURE	034
SINGER	024
SONY	001 057 058 003 053 154 145
SOUNDDESIGN	034
STS	013
SYLVANIA	034 059 067 145
SYMPHONIC	034
TANDY	010 034
TATUNG	039 043
TEAC	034 039 043
TECHNICS	070 145
TEKNIKA	019 034 101 145
THOMAS	034
TMK	006
TOSHIBA	131 008 059 013 120
TOTEVISION	101 102
UNITECH	102
VECTOR RESEARCH	012
VICTOR	048
VIDEO CONCEPTS	012 034
VIDEOSONIC	102
WALL	034
WARDS	003 013 017 024 034 053 131 145 102
WESTINGHOUSE	024 025
XR-1000	024 034 145
YAMAHA	012 034 039 043
ZENITH	072 080 026 048 101 034 058

VCR-TV/VCR Combos

Manufacturer/Brand	Set-Up Code Number
AMERICA ACTION	117
DAEWOO	005 117
EMERSON	153
FUNAI	034
GOLDSTAR	101 123
HARLEY DAVIDSON	034
HITACHI	034
JCPENNEY	101
LG	101 123
LLOYD	034
MAGNAVOX	034 067
MEMOREX	101
PANASONIC	070 167
PHILIPS	034 067
RADIO SHACK	123
RCA	034 144
SEARS	101
SONY	057 154
SYLVANIA	067
SYMPHONIC	034
THOMAS	034
ZENITH	034

DVD

Manufacturer/Brand	Set-Up Code Number
ACCURIAN	003 268
ADCOM	157
ADVENT	005
AIWA	146
AKAI	281
ALLEGRO	091
ALPINE	098
AMW	006 007
AUDIOVOX	007 111 115
ARCAM	122
ASPIRE DIGITAL	008 009
AUDIOVOX	003 010 014 015 149
BEL CANTO DESIGN	016
BLAUPUNKT	111
BRONSONIC	130
BUFFALO	264
CALIFORNIA AUDIO LABS	021 124
CAMBRIDGE AUDIO	323 333
CARY AUDIO DESIGN	174 266
CENTRIOS	019
CINEVISION	091
CITIZEN	020
COBY	260
CYBERHOME	271
DAEWOO	132
DENON	080 173 138 329
DIAMOND VISION	037 038 039
DISNEY	040 096
DURABRAND	091
DVD 2000	017
EMERSON	091 143
ENTERPRISE	074
ESA	022 143
FISHER	147
FUNAI	143
GATEWAY	222
GE	027
GO VIDEO	137 091 220 221 222
GOLDSTAR	091
GPX	044 045
GRADIENTE	021
GREENHILL	111
GRUNDIG	083
HARMAN KARDON	084 140
HITACHI	101
HITEKER	087
ILO	268
INITIAL	111
INSIGNIA	143 292 297 091 096
INTEGRA	142 180 280 273 338
JATON	046
JBL	084
JSI	047
JVC	012
JWIN	048 050
KAWASAKI	149
KENWOOD	151
KISS	279
KLH	135
KONKA	051 052 054 055
KOSS	047 058 059
KREISEN	060
KRELL	104
LASONIC	061 062
LEXICON	148
LG	091 057 074
LITEON	264 265 268
LOEWE	063

DVD

Manufacturer/Brand	Set-Up Code Number
MAGNAVOX	066 096 282
MALATA	267
MARANTZ	066 332
MCINTOSH	125
MEMOREX	040 096 163
MERIDIAN	153
MICROSOFT	022 206
MINTEK	117 282
MITSUBISHI	017
MYRYAD	102 134
NAD	088
NAKAMICHI	103
NESA	111
NEUSONIC	067
NEXXTECH	068
NORCENT	005 006 007 069 071 072 073
ONKYO	076 141 180 273 338
OPPO	266
OPTIMUS	023
ORION	130
ORITRON	058
PANASONIC	144 150 285 138 021
PARASOUND	245
PHILIPS	066 276 317
PHILIPS MAGNAVOX	141 066
PIONEER	023 099 131 304 337
POLAROID	233 284 295 297
POLK AUDIO	141 066
PRESIDIAN	003 096
PRIMA	005
PRIMARE	193 194
PRINCETON	078
PROSCAN	027
RCA	027 307
RIO	091
RITECH	269
ROTEL	204
SAMPO	081 082 085
SAMSUNG	070 165 137 159 275
SANSUI	154
SANYO	147
SEARS	130
SENSORY SCIENCE	222
SHARP	094
SHERWOOD	245
SHINSONIC	033
SONIC BLUE	091
SONY	001 033 145 191 286
SPECTRONIQ	310
SUNGALE	090 223
SUPERSCAN	143
SVA	092 093
SYLVANIA	143
SYMPHONIC	143
TAG MCLAREN	156
TATUNG	102
TEAC	023 270
TECHNICS	138
TECHWOOD	088
THETA DIGITAL	023
THOMPSON	027
TOSHIBA	130 141 164 188 273
TRUTECH	293
URBAN CONCEPTS	035
US LOGIC	111 282
VENTURER	149
VINC	161 308
X-BOX	022 206

DVD

Manufacturer/Brand	Set-Up Code Number
YAMAHA	089 066 197 138 334
ZENITH	057 074 091

DVD-Blu-ray & HD DVD

Manufacturer/Brand	Set-Up Code Number
DENON	329
INSIGNIA	096
INTEGRA	273 338
LG	091
MARANTZ	332
ONKYO	273 338
PANASONIC	285
PIONEER	304
SAMSUNG	275
SONY	286
TOSHIBA	273
YAMAHA	334

DVD-DVD Recorders

Manufacturer/Brand	Set-Up Code Number
GO VIDEO	220 221 222
CYBERHOME	271
ILO	268
KISS	279
LITEON	265 268
PANASONIC	138
PHILIPS	317
RCA	027
SAMSUNG	301
SENSORY SCIENCE	222
SONY	191
TOSHIBA	188 273

DVD-TV/DVD Combos

Manufacturer/Brand	Set-Up Code Number
AIWA	146
AKAI	281
AUDIOVOX	284
DURABRAND	143
ESA	143
FUNAI	143
INSIGNIA	292 297 143
MAGNAVOX	282
MINTEK	282
POLAROID	284 295 297
SAMSUNG	165
SYDOO	143
SYLVANIA	143
SYMPHONIC	143
TOSHIBA	130
TRUTECH	293

DVD-TV/DVD/VCR Combos

Manufacturer/Brand	Set-Up Code Number
DURABRAND	143
EMERSON	143
ESA	143
INSIGNIA	143
MAGNAVOX	143
PANASONIC	144
SUPERSCAN	143
SYDOO	143
SYLVANIA	143
SYMPHONIC	143
TOSHIBA	164

DVD-DVD/VCR Combos

Manufacturer/Brand	Set-Up Code Number
GO VIDEO	137
PANASONIC	150
PHILIPS	066 (VCR Functions for VCR 067)
RCA	027 (VCR Functions for VCR 144)
SAMSUNG	137 159
SANSUI	154
SONY	145
TOSHIBA	141
ZENITH	091 (VCR Functions for VCR101)

AUX-AUDIO

Manufacturer/Brand	Set-Up Code Number
ADCOM	082 092 225 161 269 356
AIWA	170 018 104 202 203 213 211 188 699
AKAI	189
ANTHEM	335 337
ARAGON	687
ARCAM	141 077
ATLANTIC TECHNOLOGY	342
AUDIO FILE	071
B & K	096 097
BOSE	070 170 224 347 409 460 532
BOSTON ACOUSTICS	447
CAMBRIGE AUDIO	684
CARVER	006 028 061 071 201 214 226 185 013 077 284
CARY AUDIO DESIGN	378
CITATION	148
CLARION	026
DELPHI	515 556
DENON	109 215 230 234 330 340 679 564
ELAN	057 290
ENLIGHTENED AUDIO	099 098
ESCIENT	451
FISHER	214 182
FLEXTRONICS	378
FOSGATE AUDIONICS	148 342
GOLDSTAR	008
HARMAN KARDON	148 233 077 028 118 318
HITACHI	020
INSIGNIA	589
INTEGRA	275 017 046 108 080 209 381
JAMO	398 399
JCPENNEY	216
JVC	163 191 114 279 291
KEF	530
KENWOOD	026 066 145 192 182 005 280 374
KLEGG	686
KLH	331
KLIPSCH	687
KOSS	216 573
KRELL	072 384 672
LEXICON	120 235 236 237 357 360
LINN	124 377
LUXMAN	009 139 052 165 115 004
MAGNAVOX	086 164 152 077
MARANTZ	006 028 031 040 063 185 186 265 289 492
MCINTOSH	208 311
MERIDIAN	100 012 013 628
MITSUBISHI	242 204
MONDIAL	157 158 042 043 081 112
MYRYAD	077
NAD	186 113 598
NAKAMICHI	040 244 245 172 183 287
NEC	176
NILES	403
NIRO	343

AUX-AUDIO

Manufacturer/Brand	Set-Up Code Number
ONKYO	275 017 046 108 080 209 552 381
OPTIMUS	026 041
PHILIPS	066
PANASONIC	032 195 219 177 292 626 516
PARASOUND	129 130 132 261 294 295 333 334
PHILIPS	249 250 063 690
PIONEER	014 039 044 069 168 116 035 063 198 480 556 513
POLKAUDIO	556 685
PROCEED	144 268
RCA	010 048 117 156 067 288
REALISTIC	019 073 075 095
ROTEL	074 083 085 654
RUSSOUND	445
SAMSUNG	014 653 571
SANSUI	040 048 110 063 065 228
SANYO	214
SCOTT	019
SHARP	026 094 175 652
SHERWOOD	024 102 106 447 370
SIRIUS	555 585 767 588
SONY	001 018 247 248 166 101 184 218 271 380
SOUNDESIGN	036
SUNFIRE	344 345 182
TEAC	005 019 049 040 212 217
TECHNICS	122 176 193 219 178 177 200 257 262
THETA DIGITAL	136
TOSHIBA	060 087 198 278 510
XM SATELLITE RADIO	515 556
YAMAHA	026 253 169 067 173 205 264 232 089 264 274 715 717
ZENITH	143 210

AUX-DVR(TIVO)

Manufacturer/Brand	Set-Up Code Number
DIRECTV	819
HUGHES	817
HUMAX	817
PHILIPS	790 817
RCA	809
REPLAY NETWORKS	775
SONY	804 805
TIVO	790 817
TOSHIBA	817

AUX-Home Theater Systems

Manufacturer/Brand	Set-Up Code Number
AIWA	699
BOSE	347 409 460
DENON	564
INSIGNIA	589
JAMO	398
KEF	530
KOSS	573
NAD	598
NIRO	343
ONKYO	552
PANASONIC	516
PHILIPS	690
PIONEER	513
POLKAUDIO	685
ROTEL	654
SAMSUNG	571
SHARP	652
SONY	317 319 321 322 324
TOSHIBA	510

AUX-Tuners & Satellite Radios

Manufacturer/Brand	Set-Up Code Number
AMTEX ELECTRONICS	588
BOSE	532 170
DELPHI	515
INDUS AUDIO	751
PIONEER	556
RUSSOUND	445
SIRIUS	555 585 767
SONY	380
XM SATELLITE RADIO	515 556

AUX-iPod Controls

Manufacturer/Brand	Set-Up Code Number
APPLE / iPod	824 828
BOSE	827
DENON	830 559
DLO	418
GRIFFIN	835
KENSINGTON	825
MARANTZ	834
ONKYO	833
SOUNANCE	831

AUX-Media PCs

Manufacturer/Brand	Set-Up Code Number
ACER	820
APPLE TV	836
DELL	820
DENON	830
DLINK	832 838
GATEWAY	820
HAUPPAUGE	821 822
HP	820
KEYSPAN	823
LINKSYS	566
NETGEAR	837
ROKU	565
SONY	820
TOSHIBA	820
WINBOOK	820

AUX-Gaming Systems

Manufacturer/Brand	Set-Up Code Number
MICROSOFT / XBOX	851
MICROSOFT / XBOX 360	826
SONY / PS2	829

AUX-Lighting Controls

Manufacturer/Brand	Set-Up Code Number
COLORADIO VHET	849
LEVITON	850
LIGHTOLIER CONTROLS	848
LITE TOUCH	843 844
LUTRON	839 841 341
RAIKO	846 847
X-10	840 842 845

AUX-Digital to Analog Converter box

Manufacturer/Brand	Set-Up Code Number
ZENITH	567